

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,043,099 B1  
APPLICATION NO. : 09/386847  
DATED : May 9, 2006  
INVENTOR(S) : Shigeki Watanabe

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 31, line 16 change "plan" to --plane--.

insert

Column 31, line 29 ~~insert~~ --a-- before "polarization".

Column 31, line 35 change "plan" to --plane--.

Column 32, line 16 change "signal-light" to --signal light--.

Column 32, line 31 change "for-transmitting" to --for transmitting--.

Column 33, line 40 change "predetermining" to --predetermined--.

Column 33, line 62 change "pumpling" to --pumping--.

Column 34, line 8 after "into" insert --said--.

Column 34, line 12 after "of" insert --a plurality of--

Column 34, line 14 after "said" insert --plurality of said--.

Column 34, line 17 after "said" insert --plurality of said--.

Column 34, line 44 after "product of" insert --an average of--.

Column 34, line 53 after "to said" insert --to a--.

Column 34, line 53 after "point" insert --on said first one--.

Column 34, line 55 after "to" change "said" to --a--.

Column 35, line 10 after "on" change "said" to --a--.

Column 35, line 21 after "and" insert --said first and second ones corresponding to each other in order as counted according to distance from said converter.--

Note

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Column 36, line 12 after "in" change "said" to --a--.

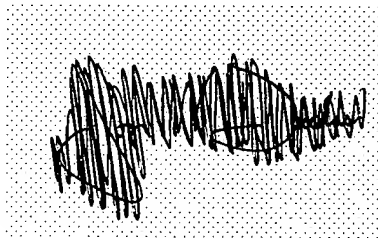
after

Column 36, line 15 ~~with~~ "second" delete "first".

This certificate supersedes certificate of correction  
issued December 12, 2006.

~~Witnessed and Sealed This~~

~~Wet Ink Day on December 2006~~



~~WITNESSES~~  
~~WITNESSES~~